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## RAW SEQUENCE LISTING

DATE: 03/01/2002

PATENT APPLICATION: US/10/072,540

TIME: 10:43:10

Input Set : A:\X-11368.ST25.txt

Output Set: N:\CRF3\03012002\J072540.raw

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3 <110> APPLICANT: Hoffmann, James
5 <120> TITLE OF INVENTION: GLP-1 FORMULATIONS
7 <130> FILE REFERENCE: X-11368
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/072,540
C--> 10 <141> CURRENT FILING DATE: 2002-02-08
12 <150> PRIOR APPLICATION NUMBER: US 60/067,600
13 <151> PRIOR FILING DATE: 1997-12-05
15 <160> NUMBER OF SEQ ID NOS: 5
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 31
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
26 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
27 1 5 10 15
30 Glu Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
31 20 25 30
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 30
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: synthetic construct
42 <220> FEATURE:
43 <221> NAME/KEY: MISC_FEATURE
44 <222> LOCATION: (1)..(1)
45 <223> OTHER INFORMATION: Xaa at position 1 is Ala, Gly, Val, Thr, and Ile;
48 <220> FEATURE:
49 <221> NAME/KEY: MISC_FEATURE
50 <222> LOCATION: (14)..(14)
51 <223> OTHER INFORMATION: Xaa at position 14 is Glu, Gln, Ala, Thr, Ser, and Gly;
54 <220> FEATURE:
55 <221> NAME/KEY: MISC_FEATURE
56 <222> LOCATION: (20)..(20)
57 <223> OTHER INFORMATION: Xaa at position 20 is Glu, Gln, Ala, Thr, Ser, and Gly;
60 <220> FEATURE:
61 <221> NAME/KEY: MISC_FEATURE
62 <222> LOCATION: (30)..(30)
63 <223> OTHER INFORMATION: Xaa at position 30 is Gly or absent.
66 <400> SEQUENCE: 2
W--> 68 Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly Gln
69 1 5 10 15

```

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TIME: 10:43:10

Input Set : A:\X-11368.ST25.txt

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W--> 72 Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa  
73                   20                   25                   30  
76 <210> SEQ ID NO: 3  
77 <211> LENGTH: 30  
78 <212> TYPE: PRT  
79 <213> ORGANISM: Artificial Sequence  
81 <220> FEATURE:  
82 <223> OTHER INFORMATION: synthetic construct  
84 <220> FEATURE:  
85 <221> NAME/KEY: MISC\_FEATURE  
86 <222> LOCATION: (19)..(19)  
87 <223> OTHER INFORMATION: Xaa at position 19 is Lys or Arg;  
90 <220> FEATURE:  
91 <221> NAME/KEY: MISC\_FEATURE  
92 <222> LOCATION: (27)..(27)  
93 <223> OTHER INFORMATION: Lys at position 27 may be acylated;  
96 <220> FEATURE:  
97 <221> NAME/KEY: MISC\_FEATURE  
98 <222> LOCATION: (30)..(30)  
99 <223> OTHER INFORMATION: Xaa at position 30 is Gly or absent.  
102 <400> SEQUENCE: 3  
104 Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln  
105 1                   5                   10                   15  
W--> 108 Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa  
109                   20                   25                   30  
112 <210> SEQ ID NO: 4  
113 <211> LENGTH: 30  
114 <212> TYPE: PRT  
115 <213> ORGANISM: Homo sapiens  
117 <220> FEATURE:  
118 <221> NAME/KEY: MOD\_RES  
119 <222> LOCATION: (30)..(30)  
120 <223> OTHER INFORMATION: AMIDATION  
123 <400> SEQUENCE: 4  
125 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
126 1                   5                   10                   15  
129 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg  
130                   20                   25                   30  
133 <210> SEQ ID NO: 5  
134 <211> LENGTH: 31  
135 <212> TYPE: PRT  
136 <213> ORGANISM: Artificial Sequence  
138 <220> FEATURE:  
139 <223> OTHER INFORMATION: synthetic construct  
141 <400> SEQUENCE: 5  
143 His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly  
144 1                   5                   10                   15  
147 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly  
148                   20                   25                   30

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/072,540

DATE: 03/01/2002

TIME: 10:43:11

Input Set : A:\X-11368.ST25.txt

Output Set: N:\CRF3\03012002\J072540.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3

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